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PTO-1390 (Rev. 07-2005) Approved for use through 3/31/2007. OMB 0651-0021 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

ATTORNEY'S DOCKET NUMBER I431.169.101

U.S. APPLICATION TOD. Af known, see 37 CFR 1.5)

CON	CONCERNING A SUBMISSION UNDER 35 U.S.C. 371				
INTERNAT PCT	IONAL APPLICATION NO. /DE2005/000112	INTERNATIONAL FILING DATE 26 January 2005	PRIORITY DATE CLAIMED 27 January 2004; 18 March 2004		
TITLE OF INVENTION SEMICONDUCTOR HOUSINGS HAVING COUPLING COATINGS					
APPLICANT(S) FOR DO/EO/US Dr. rer. nat. Joachim Mahler					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
1. This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.					
2. T	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.				
This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.					
4. X T	he US has been elected (Article 31).				
5. X	A copy of the International Application as filed (35 U.S.C. 371(c)(2))				
	a. is attached hereto (required only if not communicated by the International Bureau).				
	b. X has been communicated by	the International Bureau.			
	c. is not required, as the appli	cation was filed in the United States Recei	ving Office (RO/US).		
6. X	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).				
	a. is attached hereto.				
	b. has been previously submi	tted under 35 U.S.C. 154(d)(4).			
7.	Amendments to the claims of the Inte	ernational Application under PCT Article 19	(35 U.S.C. 371(c)(3))		
	a. are attached hereto (requi	ired only if not communicated by the Intern	ational Bureau).		
	b. have been communicated	by the International Bureau.			
	c. X have not been made; how	vever, the time limit for making such amend	Iments has NOT expired.		
	d. have not been made and	will not be made.			
8.	An English language translation of the	ne amendments to the claims under PCT A	Article 19 (35 U.S.C. 371(c)(3)).		
9.	An oath or declaration of the inventor	r(s) (35 U.S.C. 371(c)(4)).			
10.	An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	e annexes of the International Preliminary	Examination Report under PCT		
Items 11 to 20 below concern document(s) or information included:					
11. X	An Information Disclosure Statement	t under 37 CFR 1.97 and 1.98.			
12.	An assignment document for recording	ng. A separate cover sheet in compliance	with 37 CFR 3.28 and 3.31 is included.		
13. X	A preliminary amendment.				
14.	An Application Data Sheet under 37	CFR 1.76.			
15. X	A substitute specification.				
16.	A power of attorney and/or change o	f address letter.			
17.	A computer-readable form of the sec	quence listing in accordance with PCT Rule	e 13 <i>ter</i> .2 and 37 CFR 1.821- 1.825.		
18.	A second copy of the published Inter	mational Application under 35 U.S.C. 154(d	d)(4).		
19.	A second copy of the English langua	ge translation of the international application	on under 35 U.S.C. 154(d)(4).		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete. including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Page 1 of 3 Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. ATTORNEY'S DOCKET NUMBER U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. 1431.169.101 PCT/DE2005/000112 20. Return receipt postcard Other items or information: PTO USE ONLY **CALCULATIONS** The following fees have been submitted Basic national fee (37 CFR 1.492(a))......\$300 300 21. 🔼 22. X Examination fee (37 CFR 1.492(c)) 200 If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)............ \$0 All other situations.....\$200 Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by 500 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....\$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB......\$400 All other situations......\$500 1,000 **TOTAL OF 21, 22 and 23 =** Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Number of each additional 50 or fraction **Total Sheets** Extra Sheets RATE thereof (round up to a whole number) \$ x \$250 - 100 = /50 = Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration 130 after the date of commencement of the national stage (37 CFR 1.492(h)). \$ **RATE** CLAIMS NUMBER FILED **NUMBER EXTRA** 26 - 20 = 300 6 Total claims x \$ 50 4 - 3 =\$ Independent claims 1 x \$200 200 \$ MULTIPLE DEPENDENT CLAIM(S) (if applicable) \$360 630 TOTAL OF ABOVE CALCULATIONS = Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. SUBTOTAL = \$ 630 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). 1,630 \$ TOTAL NATIONAL FEE = Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied \$ by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property 1,630 TOTAL FEES ENCLOSED = Amount to be \$ refunded: Amount to be \$

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a. A check in the amount of \$ to cover the above f	ees is enclosed.			
b. X Please charge my Deposit Account No. 50-0471 in the amount of \$ A duplicate copy of this sheet is enclosed.	1,630 to cover the above fees.			
The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0471. A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.				
				NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.
SEND ALL CORRESPONDENCE TO:	Steven G. Diche			
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